(GB) Operating Instructions
Night Vision Device NV 9700 Premium 7 x M
Item no. 31539

1. Function
This night vision device is specifically and exclusively intended to enable vision in darkness. Absorbed low levels of light are intensified, electronically converted, and a visible image is facilitated by the use of specific technology. The night vision device can be used also in complete darkness because of this and the additional infrared light source.

The operating principles of the night vision device
Low levels of light are almost always present in any dark environment, particularly outdoors; this could be because of meteorological conditions, astronomical processes, reflection caused by constructions, water etc. The low levels of light are absorbed by an objective lens (gathered) and reach the front part of a special intensifier tube. Here, supported by extra power supply, the electrons which strike the phosphorous screen are dislodged through the incidence of light. This causes the screen to light up (which is why the image is always green), and an electronically generated copy of the image, which has been projected by the lens, is generated. The ocular lens located behind the phosphorous screen magnifies the image and enables focusing according to individual eye-sight (dioptre adjustment). This feature is installed for both of the ocular lenses. In addition, a connectable infrared light source is available, which is an artificial source of light that is non-visible for the human eye, but has brightening properties for the night vision equipment. Thus, the device can be used also in complete darkness.

2. Safety notices and general instructions for usage – please follow!
Important notice! – This night vision device is equipped with a switch guard for bright light exposure. We still kindly request you:
Never remove the lens cover during daytime or any other bright environment! This could irreparably damage the sensitive intensifier tube. Thus, do not direct the device towards strong sources of light in close proximity e.g. car headlights, not even in darkness. Warranty claims are invalid for damages such as these!

- Do not dismantle the device; it does not contain any parts that should be replaced or repaired by you. Send the device to our customer service in the case of defects or malfunctions.
- Protect the device from direct exposure to sunlight, dust, moisture and severe temperature fluctuations. Do not store close to air conditioners, heaters or passenger compartments of vehicles. Should the device show signs of condensation (damp or wet exterior surfaces or glass) because of temperature fluctuations e.g. quick change from cold to warm environment, leave it to dry naturally for at least 5 hours – never use artificial means for drying.
- Do not expose the device to any mechanical charges, vibrations etc. Do not drop it.
- Store device only in a clean, dry and well ventilated place. Remove the battery from the device when it is not in use for an extended period of time (more than 24 h).
- Keep the device away from children – it is not a toy.
- Clean the device using only a dry, soft cloth and only clean the lenses with solutions intended for cleaning optical lenses.

4. Insert battery
- The device requires a CR123 lithium battery.
- Make sure the lens cover stays on during the entire procedure.
- Open the battery compartment by turning the battery compartment cover to the left and insert the battery into the battery compartment correctly according to the polarity markings.
- Make sure the on/off button is not accidentally pushed when changing the battery. Insert the battery compartment cover again.

Observe the Batteries Directive!
Batteries must not be disposed of in household waste! According to the Batteries Directive you are obliged to dispose of used or faulty batteries at the local collection point or return them to your retailer.

Only put the object into service in dark environments and never remove the lens cover in a bright environment.

Turning on/off
- Remove the lens cover in a dark environment.
- Turn the device on by pressing the on/off button.
- A green power indicator lights up on the ocular lens side.
- Turn on the infrared illuminator when needed by pressing the infrared button.
- To turn it off, press the button again. The red power indicator turns off. It is absolutely common for the light to persist on the display for a few minutes after pressing the button.
- To avoid accidentally turning the device on in the carrier bag, it is recommended to remove the battery after using the device.

Important notice!
Some light and dark spots could appear in the field of vision. The contrast of the image reproduction decreases towards the image border. There could also be distortions at the image border. These occurrences are not errors, and arise from the operating principles of the intensifier tube!

Focus
- Focus both ocular lenses to adapt them to your own eye-sight (dioptre adjustment).
- Then turn the lens barrel to set the distance to the subject of observation.

6. Error notices

- **The device is not activated when pressing the POWER button**
- Make sure the battery has been inserted correctly and has sufficient power supply.

- **The image is too dark or does not appear at all**
  There is complete darkness. The device requires a minimum amount of light to work. Turn on infrared illumination in addition. The device turned off because it was directed at as source light which was too bright. Wait a few minutes and the device will turn on again.

- **It is not possible to focus**
  The objective lens and ocular lens are dirty. Clean the lenses. If you are still unable to focus, contact our customer service.

7. Technical data

Generation of night vision device: ..... 1+
Magnification: 7x
Objective lens: .....58 mm
Sensitivity: ..... 280 to 300 µA/lm
Angle of view: .....8°
Functional range: ..... up to 500 m (at full moon)
Infrared brightener: ..... 120 mW, wavelength 805 nM
Power supply: ..... 1 x CR123 lithium battery
Weight .....1150 g
Dimensions (l x w x h): .....270 x 127 x 78 mm

Guarantee

We grant on this product a guarantee of 24 months, according to the pertinent statutory regulations, from the date of the purchase by the initial user.
This guarantee covers all material or production defects; however, it does not cover the following: Faults and defects resulting from normal wear, including wearing parts, seals etc.; damages or defects arising or as a result of alteration.
We reserve the right to reject a guarantee claim if the purchase cannot be proven, or if the product was improperly serviced or was obviously erroneously maintained (not or insufficiently maintained; cleaning and servicing).
Please retain the proof of purchase documentation because this is valid as proof of date of purchase. In case of a guarantee claim, the machine must be returned to the dealer in a clean state, and in its original packaging if possible, and not disassembled in any way. Proof of purchase must also be included.

EU Conformity Declaration

We hereby declare that the appliance described below as:

Night Vision Device NV 9700 Premium 7 x M, art.-no. 31539

is in compliance with the government EC-regulations and the mass production will be effected accordingly:
2004/108/EC
The article is in compliance with the standards mentioned below which are basic conditions to obtain the CE-mark:
EN 55022:2010; EN61000-3-2:2006+A1:2009+A2:2009
EN 55024:2010; EN61000-3-3:2008
Any change to the product and non-designated use will render this declaration in valid.

This declaration is made on behalf of the manufacturer/importer:
Berger & Schröter GmbH, Voerder Str. 7, 58135 Hagen, Germany
by: Eckhard Schröter, General Manager
Hagen, 09. 02. 2015